



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Palram Americas, Inc.
9735 Commerce Circle
Kutztown, PA 19530

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 0.031" (min.) Corrugated Polycarbonate Panel for Canopy

APPROVAL DOCUMENT: Drawing No. 12-102, titled "Corrugated Polycarbonate Canopy Panel", sheet 1 of 1, dated January 04, 2012, last revision #1 dated April 09, 2013, prepared by Knezevich Associates Consulting Engineers, signed and sealed by V.J. Knezevich, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA # 12-0110.03 and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



Helmy A. Makar
09/12/2013

NOA No. 13-0418.05
Expiration Date: 08/28/2018
Approval Date: 09/12/2013
Page 1

Palram Americas, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #08-0709.14

A. DRAWINGS

1. *Drawing No. 08-122, titled " Corrugated Polycarbonate Canopy Panel ", sheet 1 of 1, dated 06/27/2008, prepared by Knezevich Associates Consulting Engineers, signed and sealed by V.J. Knezevich, P.E., on 06/27/2008.*

B. TESTS

1. *Test report on Uniform Static Air Pressure Test on a Corrugated Polycarbonate Panel for Canopy, prepared by Construction Testing Corporation, Report No. 08-011, dated June 23, 2008, signed and sealed by Yamil G. Yuri, P.E.*

C. CALCULATIONS

1. *Calculations titled "Corrugated Polycarbonate Panel, dated June 30, 2008, pages 1 through 24, prepared by Knezevich Associates Consulting Engineers, signed and sealed by V.J. Knezevich, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATION:

1. *None.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #12-0110.03

A. DRAWINGS

1. *Drawing No. 12-102, titled " Corrugated Polycarbonate Canopy Panel ", sheet 1 of 1, dated 01/04/2012, prepared by Knezevich Associates Consulting Engineers, signed and sealed by V.J. Knezevich, P.E., on 01/04/2012.*

B. TESTS

1. *None.*

C. CALCULATIONS

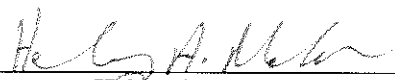
1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).*

E. MATERIAL CERTIFICATION:

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 13-0418.05
Expiration Date: 08/28/2018
Approval Date: 09/12/2013

Palram Americas, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 12-102, titled " Corrugated Polycarbonate Canopy Panel ", sheet 1 of 1, dated January 04, 2012, last revision #1 dated April 09, 2013, prepared by Knezevich Associates Consulting Engineers, signed and sealed by V.J. Knezevich, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

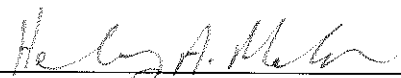
1. *None.*

D. QUALITY ASSURANCE

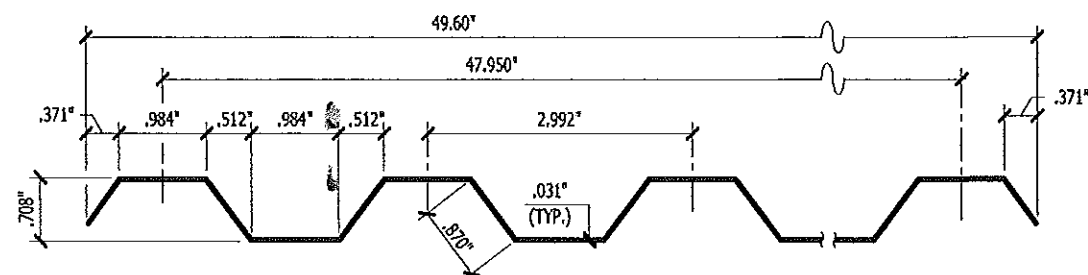
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATION:

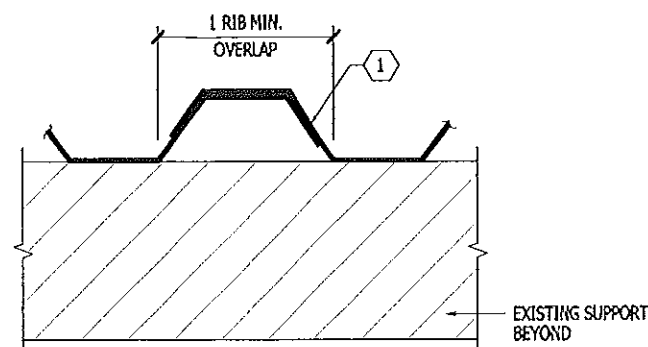
1. *None.*



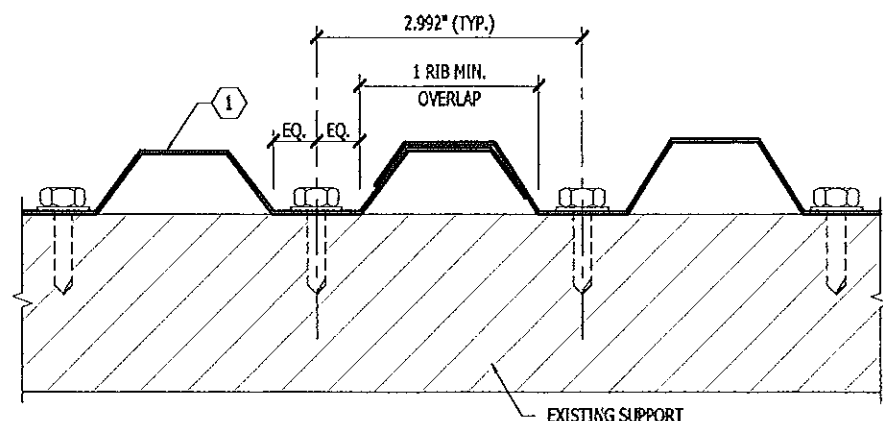
Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 13-0418.05
Expiration Date: 08/28/2018
Approval Date: 09/12/2013



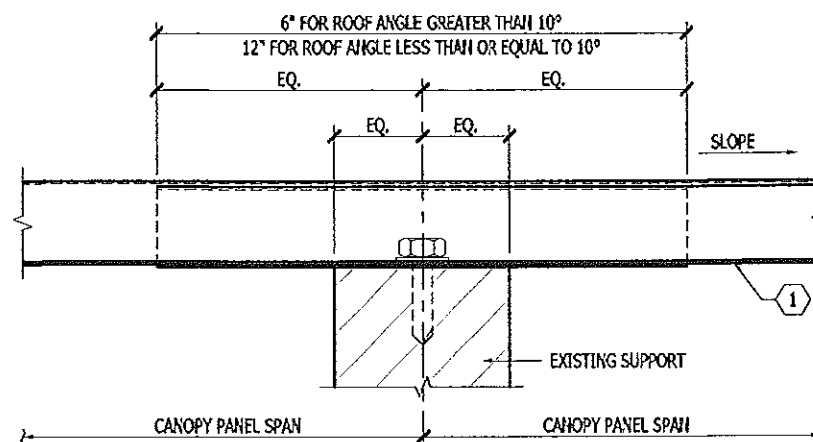
1 CORRUGATED POLYCARBONATE CANOPY PANEL - "GRECA"
SCALE: HALF SIZE



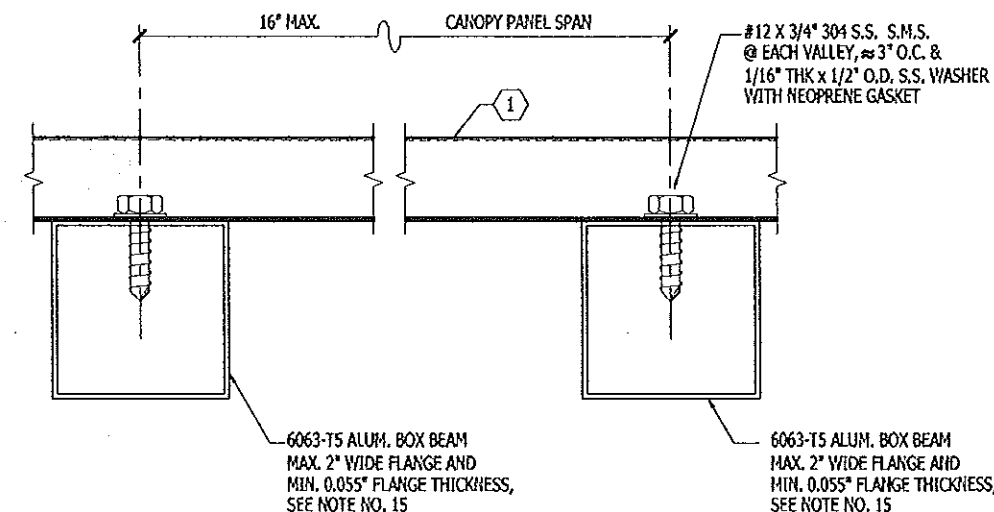
2 SIDE LAP BETWEEN PURLIN
SCALE: HALF SIZE



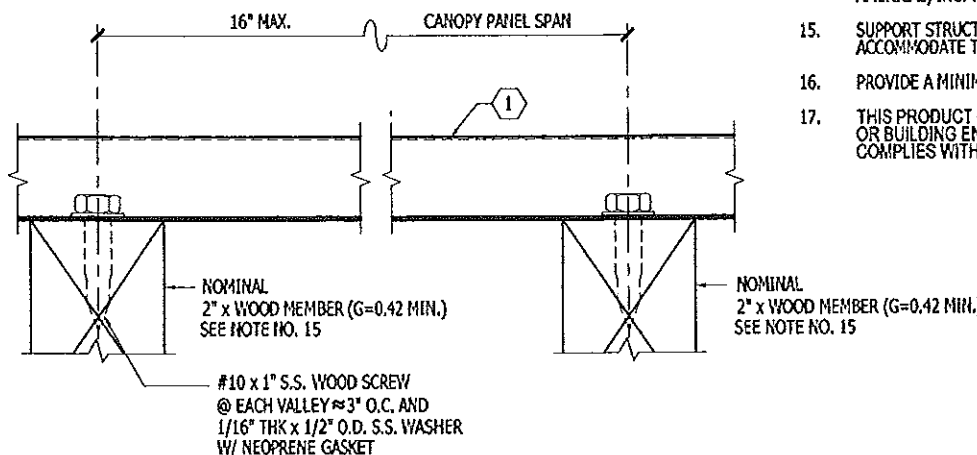
3 SIDE LAP ON PURLIN
SCALE: HALF SIZE



4 END LAP DETAIL
SCALE: HALF SIZE



5 ALUM. BEAM SUPPORT
SCALE: HALF SIZE



6 WOOD BEAM SUPPORT
SCALE: HALF SIZE

GENERAL NOTES:

1. THESE CANOPY EVALUATION DOCUMENTS REPRESENT A CANOPY PANEL SYSTEM ANALYZED WITH PROVISIONS SET FORTH BY THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY THE MIAMI-DADE PRODUCT CONTROL SECTION AND COMPLYING WITH THE FLORIDA BUILDING CODE, 2010 AND THE 2012 SUPPLEMENTS.
2. TO VERIFY THAT THE ANCHORS AS TESTED, ARE NOT OVERSTRESSED IN THESE EVALUATION DOCUMENTS, NO INCREASE IN ALLOWABLE STRESS WAS USED IN THE SHEET METAL SCREW OR WOOD SCREW FASTENER/ANCHOR ANALYSIS.
3. DETERMINE THE POSITIVE AND NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY.
4. THESE EVALUATION DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE-SPECIFIC APPLICATION OF THIS CANOPY PANEL SYSTEM.
5. USE OF THESE EVALUATION DOCUMENTS SHALL COMPLY WITH CHAPTER 61G15-23 OF THE FLORIDA ADMINISTRATIVE CODE.
6. THESE EVALUATION DOCUMENTS ARE SUITABLE TO BE APPLIED BY THE CONTRACTOR PROVIDED THE CONTRACTOR DOES NOT DEVIATE FROM THE CONDITIONS DETAILED HEREIN AND THE CONTRACTOR VERIFIES THAT THE EXISTING STRUCTURE DOES NOT DEVIATE IN EITHER FORM OR MATERIAL FROM THE STRUCTURAL SUBSTRATES DETAILED HEREIN.
7. ANY MODIFICATIONS OR ADDITIONS TO THESE EVALUATION DOCUMENTS WILL VOID THE EVALUATION DOCUMENTS.
8. WHEN THE SITE CONDITIONS DEVIATE FROM THESE EVALUATION DOCUMENTS, THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:
 - A) REQUIRE THAT SITE SPECIFIC DOCUMENTS BE PREPARED, SIGNED, DATED AND SEALED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT, WHICH DETAIL AND JUSTIFY THE DEVIATION. SAID DOCUMENTS SHALL BE SUBMITTED TO THE PRODUCT ENGINEER FOR REVIEW AS A CONDITION TO THE BUILDING OFFICIAL GRANTING HIS/HER APPROVAL.
 - B) REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL SECTION.

WHEN THE SITE CONDITION DEVIATIONS OCCUR WITHIN THE HIGH VELOCITY HURRICANE ZONE AREAS, ONLY OPTION "B" SHALL BE ACCEPTED BY THE BUILDING OFFICIAL.


9. EACH CANOPY PANEL ASSEMBLY SHALL BE PERMANENTLY LABELED AS FOLLOWS:
PALRAM AMERICAS INC.
KUTZTOWN, PENNSYLVANIA
MIAMI-DADE COUNTY PRODUCT APPROVED

10. THIS PRODUCT IS DESIGNED AND TESTED FOR THE FOLLOWING DESIGN LOADS:

A) L/80 DEFLECTION CRITERIA	
LIVE LOAD:	30.0 PSF
POSITIVE WIND LOAD:	57.2 PSF
NEGATIVE WIND LOAD:	80.9 PSF
B) L/180 DEFLECTION CRITERIA	
LIVE LOAD:	30.0 PSF
POSITIVE WIND LOAD:	44.7 PSF
NEGATIVE WIND LOAD:	35.9 PSF

11. CANOPY PANELS SHALL BE USED OVER A MINIMUM OF THREE CONTINUOUS SPANS.
12. UPLIFT LOAD CAPACITY IS DEPENDENT ON THE WASHERS USED IN THE CONNECTION TO THE SUPPORT STRUCTURE. WASHERS SHALL BE AS NOTED ON DRAWING.
13. MAXIMUM ALLOWABLE CANOPY PANEL SPANS ARE BASED ON TESTS PERFORMED AT CONSTRUCTION TESTING CORPORATION (CTC). REPORT # 97-035 IN CONFORMANCE WITH PA 202. CONFIRMATION TEST BY CTC, REPORT # 08-011 IN CONFORMANCE WITH TAS 202.
14. CANOPY PANELS SHALL BE CORRUGATED POLYCARBONATE AS MANUFACTURED BY PALRAM AMERICAS, INC. WITH A PROFILE AS SHOWN ON DETAIL (1).
15. SUPPORT STRUCTURE SHALL BE DESIGNED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER TO ACCOMMODATE THE APPROPRIATE LOADS FOR A SPECIFIC INSTALLATION.
16. PROVIDE A MINIMUM ROOF PITCH OF 1/4" PER FOOT FOR DRAINAGE.
17. THIS PRODUCT MAY BE USED ON A BUILDING IF IT DOES NOT BREACH THE EXTERIOR WALL OR BUILDING ENVELOPE AND HAVE NO ENCLOSED SIDES, OTHER THAN SCREEN AND COMPLIES WITH FBC SECTION 2612.4.1.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0418.05
Expiration Date 08/28/2018
By *[Signature]*
Miami Dade Product Control



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CORRUGATED POLYCARBONATE CANOPY PANEL

PALRAM Americas Inc.
9735 Commerce Circle
Arcadia West Industrial Park
Kutztown, PA 19550, USA
Tel: (1) 610-285-9918
Fax: (1) 610-285-9928

revisions		description
no	date	description
1	01/04/2012	PROVISIONS: DIMENSIONS NO. 10-22
2	01/04/2012	CHASER REVISION

V.J. Knezevich
Professional Engineer
FL License No. FE 0010583

APR 09 2013

check by *[Signature]* scale AS NOTED

date 01/04/2012

drawing no.

12-102

sheet 1 of 1